ELECTRONIC

SOLO™ G2 DIGITAL INDICATOR

FOR CHEMICAL USAGE AND LEVEL MONITORING

516 BULLETIN

2ND GENERATION	COMPATIBLE WITH	4-20mA OUTPUTS	TWO MODELS
SOLO™ INDICATOR	ALL OF OUR SCALES AND SENSORS	FOR REMOTE MONITORING	SINGLE OR DUAL CHANNEL

As with all of our SOLO™ products, the SOLO G2 digital indicator provides a simple and economical way to measure chemical usage and inventory. Single and dual channel models both include a membrane keypad with a backlit menu-driven LCD display to allow easy adjustment and entry of values. A bar graph display allows remaining chemical amount to be confirmed with just a glance at the display. A diagnostics menu allows the user at anytime to restore factory calibration of the indicator without the hassle of needing to use test weights.

During change-out of cylinders or ton containers, tare weight can be entered via the keypad to arrive at the correct net (chemical) weight, or if the net weight is known you can simply enter it directly. Either way, the menu driven display prompts the user through this easy process.

For maximum durability, the SOLO G2 is housed in a NEMA 4X enclosure which offers superior protection against harsh environments such as chemical rooms and outdoor installations.

Standard 4-20mA output signals and optional level alarms are available for remotely monitoring chemical status via your PLC or SCADA system.

NO FINGER POINTING. NO FINE PRINT.™ PERFORMANCE GUARANTEED 5 YEAR WARRANTY™

FORCE FLOW

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SPECIFICATIONS

SOLO™ G2 DIGITAL INDICATOR

FOR CHEMICAL USAGE AND LEVEL MONITORING

516 BULLETIN

Rev 05/20

MODELS & ORDERING INFORMATION

MODEL: SRG2-1 (1 Channel), SRG2-2 (2 Channels)

INPUT: Electronic load cell or ultrasonic sensor

OUTPUT: Isolated 4-20mA output and up to (4) optional relays

READOUT SPECS: 32 character, backlit, alphanumeric LCD

NUMERICAL DISPLAY: 6 full digits (999,999)

BAR GRAPH DISPLAY: User adjustable 0-100%

FILTERING: User adjustable box car averaging

DISPLAY UNITS: lb, kg, gallon, liter. Up to 999,999

INCREMENTS: 0.1, 0.2, 0.5, 1, 2, 5, 10, 20 or 50

ZERO/TARE ADJUSTMENT: Via keypad

OPERATING TEMPERATURE: 32-122 Degrees F (0-50 Degrees C)

INPUT POWER: 110-250 VAC (50-60 Hz,) or 24 VDC (*optional*)

MAX CURRENT: 0.25 @ 110 VAC / 0.2 @ 24 VDC

CONNECTORS: Power: 1/2" Nylon Flex Conduit Connector
4-20mA & Relays: 1/2" Nylon Flex Conduit Connector
Load Cells & Ultrasonic Sensors: 1/2" Nylon Cord Connector

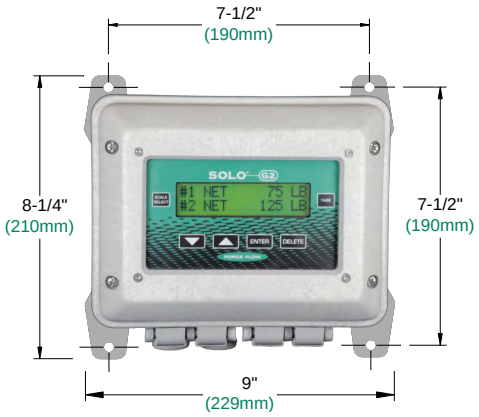
ENCLOSURE: NEMA 4X, UL listed structural foam molded

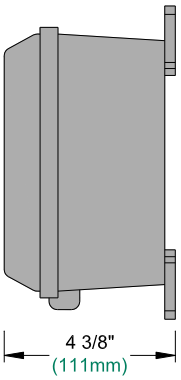
APPROVALS: CE (European standard), CSA (Meets or exceeds UL standards)

PERFORMANCE: Overall System Accuracy: 0.1-0.25% F.S.,

Non-linearity: <0.03% F.S., Hysteresis: <0.02% F.S., Non-Repeatability: <0.01%

F.S., Thermal Stability: <0.002/Deg F, Zero and Span





NRTL/C

OPTION

LEVEL ALARMS/RELAYS
-Up to (4) per indicator
-Form C Dry Contact
-2A @ 30VDC, 0.5A @ 120 VAC

TYPICAL SPECIFICATION FOR CHEMICAL MONITORING SCALE OR ULTRASONIC SENSOR

SCALES
A quantity of _____ scale(s) shall be provided and shall be of the digital readout/electronic load cell type. Scale(s) shall be of the single load cell design. Flexible cable shall connect load cell to indicator to allow easy remote installation of the readout. Cable length shall be _____ feet (meters).

ULTRASONIC SENSORS
A quantity of _____ ultrasonic sensor(s) shall be provided and shall be of the 4-20mA output design. Flexible cable shall connect sensor(s) to indicator to allow for easy remote installation of the readout. Cable length shall be _____ feet (meters).

Indicator shall carry CSA and CE marking and shall be housed in a NEMA 4X, UL approved enclosure. LCD readout shall have backlighting for readability in low light conditions.

Numerical display shall have 6 full active digits and adjustable bar graph display shall read 0-100%. Tare adjust shall be accomplished using a keypad and indicator shall output net weight via a 4-20mA signal for remote monitoring. Indicator shall monitor_____ (1 or 2) channels.

Scale/Ultrasonic Sensor shall be Model _____ and digital display shall be SOLO® G2 Indicator manufactured by Force Flow, 2430 Stanwell Drive, Concord, CA 94520 USA.

Please see individual scale bulletins for model numbers And additional information. Specifications, literature and drawings available online at www.forceflowscales.com

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